47 FR 14960

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National Toxicology Program; Chemicals (16) Nominated for Toxicological Testing; Request for Comments

SUMMARY: On March 3, 1982, the Chemical Evaluation Committee (CEC) of the **National Toxicology Program** (NTP) reviewed 16 chemicals nominated for toxicological testing. The evaluation of nominated chemicals by the Committee constitutes an integral part of the NTP chemical nominating and selection process. This notice lists the 16 chemicals reviewed by the Committee and requests public comment on them.

TEXT: SUPPLEMENTARY INFORMATION: As part of the chemical process of the National Toxicology Program, nominated chemicals which have been reviewed by the NTP Chemical Evaluation Committee are published with request for comment in the Federal Register and *NTP Technical Bulletin.* This enables individuals and groups to participate in the NTP evaluation process, thereby helping the NTP to make better informal decisions as to whether to select, reject, or defer chemicals for testing.

The Comments and data supplied as a result of this request for information are reviewed and summarized by NTP technical staff and made available to both the NTP Board of Scientific Counselors for its evaluation of nominated chemicals and to the NTP Executive Committee for decision making. The NTP chemical selection process is summarized in the Federal Register, April 14, 1981 (46 FR 21228).

On March 3, 1982, the CEC met to evaluate 16 chemicals nominated to the NTP for various types of toxicological testing. Listed below are the chemicals and their Chemical Abstract Service (CAS) registry numbers:

Chemical	CAS No.
2-amino-6-nitrobenzothiazole	6285-57-0
Benzonitrile	100-47-0
Benzo(f)quinoline	85-02-9
Carminic acid	1260-17-9
1-chloro-2-propanol	127-00-4
2-chloro-1-propanol	78-89-7
Colchicine	64-86-8
L-cysteine	52-90-4
2-ethylhexanol	104-76-7
L-isoleucine	73-32-5
L-lysine	56-87-1
Mono(2-ethylexyl) phthalate	4376-20-9
m-nitrobenzoyl chloride	121-90-4
p-nitrobenzoyl chloride	122-04-3
Phenamiphos	22224-92-6
Pyruvic acid	127-17-3

The chemicals 2-ethylhexanol and mono(2-ethylhexyl) phthalate were nominated by the National Cancer Institute (NCI) and the Environmental Protection Agency (EPA) for carcinogenicity testing. Both of these compounds were previously selected by the NTP for mutagenicity testing. 2-Ethylhexanol was negative in the *Salmonella* assay. It is pres-

ently on test in an *in vitro* cytogenetics assay. Mono(2-ethylexyl) phthalate is now being tested in the *Salmonella* assay.

The remaining fourteen compounds were nominated by the NCI. m-Nitrobenzoyl chloride and p-nitrobenzoyl chloride were nominated for cell transformation studies. p-Nitrogenzoyl chloride was previously selected by the NTP for mutagenicity testing in the *Salmonella* assay and is currently on test.

Colchicine was nominated for an epidemiological study and for limited research studies. The NTP is presently testing colchicine in the *Salmonella* assay and has selected the chemical for testing in Drosophila, *in vitro* cytogenetics and aneuploidy assays. L-Cysteine, L-isoleucine, L-lysine, and pyruvic acid were nominated for carcinogenicity testing and for studies regarding their potential role as modifiers of the carcinogenic process. The other chemicals (2-amino-6-nitrobenzothiazole, benzonitrile, benzo(f) quinoline, carminic acid, 1-chloro-2-propanol, 2-chloro-1-propanol and phenamiphos) were nominated for carcinogenicity testing. None of these seven compounds has been previously selected for toxicological testing by the NTP.

Interested parties are requested to submit pertinent information as well as comments on the nominations of the 16 chemicals.

Of particular relevance to the NTP in its evaluation and decision making process are the following types of data:

(1) Completed, ongoing and/or planned toxicological testing in the private sector including detailed protocols and, in the case of completed studies, resultant data.

(2) Modes of productive, present production levels and potential for occupational exposure.

(3) Uses and resulting exposure levels, where known.

(4) Results from toxicological studies of structurally related compounds.

Kindly submit such information in writing on or before May 7, 1982. Submissions received after this date, however, will be accepted and utilized where possible.

Dated: March 29, 1982.

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Director, National Toxicology Program.

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